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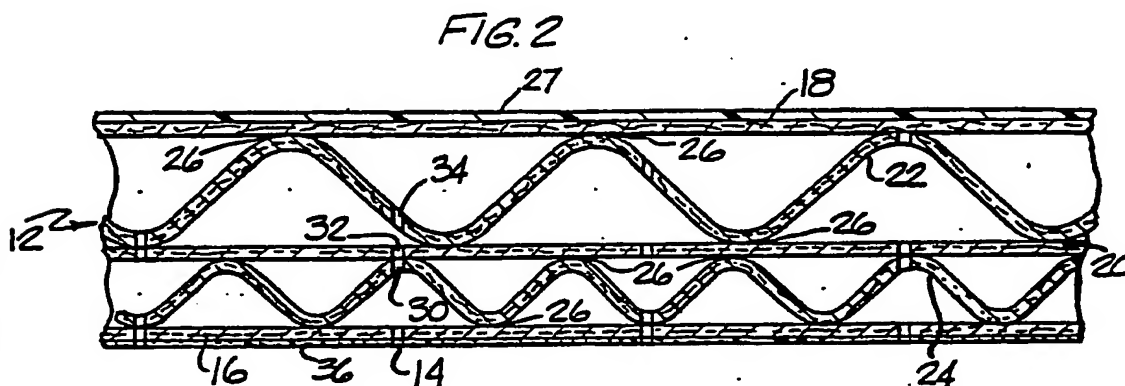
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(54) Corrugated paperboard automotive liner.

(57) An automotive headliner comprised of a laminate of double corrugated paperboard. Perforations in all the sheets of the laminate except the back paperboard sheet improve the acoustical performance of the liner. A vapor barrier (27) on the back sheet (18) prevents entry of moisture into the laminate from the roof, and a layer of sound dampening material (36)

on the front face of the laminate improves the sound absorption of the laminate. The front corrugation (22) is larger than the back corrugation (24). When molding the laminate it is first moisturized, then heat molded. Heat is applied until the laminate has regained its rigidity.

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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	FR-A-2504873 (AUDI NSU AUTO UNION AKTIENGESELLSCHAFT) * page 4, line 2 - page 5, line 14; claims ; figures 1, 2, 4 *	1	B32B3/28 B32B29/08 B60R13/02 G10K11/16 B31F1/00
A	GB-A-1018241 (TRI-WALL CONTAINERS, INC) * figures 2, 4 ** claims 1, 2, 10-12, 16 *	1	
A	AU-A-453030 (VOLKMAR LINDENTHAL) * claims ; figures 1, 3, 5 *	1	
A	AU-B-562471 (BOARD MILLS OF AUSTRALIA LIMITED) * claims ; figure 2 *	9	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B32B B60R G10K B31F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18 OCTOBER 1990	Examiner DE JONGE S.J.P.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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